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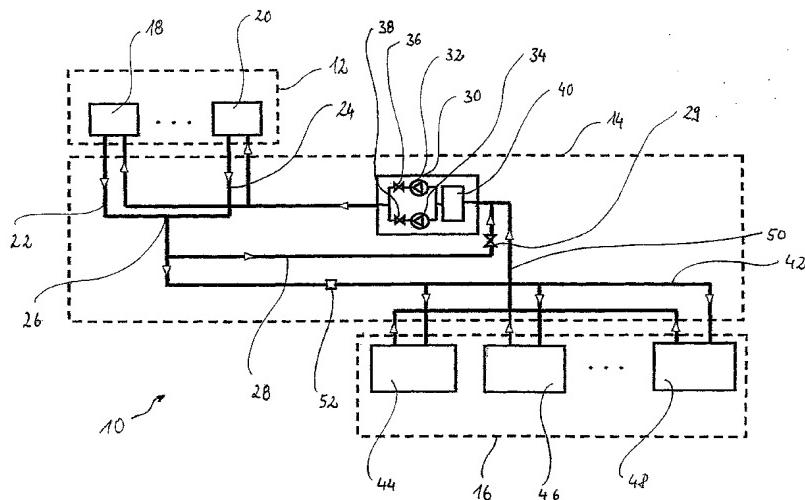
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(54) Title: COOLING SYSTEM FOR COOLING HEAT-GENERATING INSTALLATIONS AND FOR MAINTAINING THE TEMPERATURE OF CLOSED-OFF AREAS AT BELOW CABIN TEMPERATURE IN AN AIRCRAFT



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(57) Abstract: In a cooling system (10) for cooling heat-generating installations (44, 46, 48) in an aircraft, with a refrigerating installation (12), at least one refrigeration consumer (44, 46, 48) and a refrigeration transport system (14) connecting the refrigerating installation (12) and the refrigeration consumer (44, 46, 48), it is provided that the refrigerating installation (12) comprises at least one refrigeration machine (18, 20) which covers the maximum refrigeration requirement of the at least one refrigeration consumer (44, 46, 48) and in that the at least one refrigeration consumer (44, 46, 48) is supplied with cold generated in the refrigerating installation (12) via a refrigerating agent circulating in the refrigeration transport system (14).



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